

EXHIBIT I

Operational Description

Product Description

The product is a keychain touchpad used in conjunction with a wireless security alarm system. The operator can press one of four buttons to execute system commands such as arming or disarming the security system. In an emergency situation, the user may press two keys at the same time and transmit a panic alarm. The control panel will receive this signal and take appropriate action such as sounding sirens and/or calling a monitoring station for help.

The device remains completely un-powered until the user presses a key. The key supplies power to the microcontroller. The microcontroller is a Microchip PIC16C54A or alternatively a PIC16C56C. Once powered, the microcontroller checks which key(s) is/are down, reads data from the external non-volatile memory chip, encrypts the data, and transmits the appropriate message.

The RF circuit consists of a 106.5 MHz oscillator followed by an amplifier. The amplifier is turned on and off to modulate the carrier.